

PUGET SOUND AIR POLLUTION CONTROL AGENCY

Annual Registration Fee

Facility Name LONE STAR INDUSTRIES INC

Reg. No. 11339

Facility Address 3801 E MARGINAL WAY SO

Mailing Address 3801 E MARGINAL WAY SO  
SEATTLE, WA 98134

Standard Industrial Classification Number (S.I.C.): 3241  
HYDRAULIC CEMENT

Annual Registration Fee \$ 675

**THIS IS NOT A BILL.**

Fees for others in your S.I.C.  
range from \$ 360 to \$1130

The annual registration fee is based on data contained in your  
PSAPCA registration files as follows:

	File Items	Costs per Item	Total Costs
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Fixed Charge per Facility	-	-	\$ 60
Basic Equipment/Process File (BE)	5	\$25	\$ 125
Control Equipment/Method File (CE)	7	\$25	\$ 175
Raw Material/Process File (RM)	3	\$15	\$ 45
Emission Point/Stack File (EP)	9	\$30	\$ 270
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Total			\$ 675

PUGET SOUND AIR POLLUTION CONTROL AGENCY  
ENGINEERING DIVISION  
AUG 5, 1982

REGISTRATION PROGRAM ANNUAL REPORT

LONE STAR INDUSTRIES INC

11339  
3241

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3801 E MARGINAL WAY SO  
3801 E MARGINAL WAY SO SEATTLE, WA 98134

DAVID DONALDSON 623-5596

INSPECTED 3-25-82 JJE

MATERIALS/EMISSION FACTORS:  
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- (1) BITUM COAL IN CLINKER PROD  
54000 TON/1981  
SOX=6.800 LB/TON
- (2) CEMENT PRODUCTION  
533000 TON/1981  
TSPM=.4500 LB/TON
- (3) CLINKER PRODUCTION  
198000 TON/1981  
TSPM=1.900 NOX=2.600 LB/TON

EMISSION POINTS:  
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- (1) CEMENT KILN PRECIPITATOR STACK  
HEIGHT=202' DIAM= 144" CFM=164000 TEMP= 480F  
TSPM= 199 SOX= 184 NOX= 257 TONS/1981
- (2) STORAGE & TRANSFER BAGHOUSES(13)  
HEIGHT= 60' DIAM= 13" CFM= 3600 TEMP= 70F  
TSPM= 5 TONS/1981
- (3) FINISH MILLING BAGHOUSES(4)  
HEIGHT= 60' DIAM= 28" CFM= 16800 TEMP= 70F  
TSPM= 2 TONS/1981
- (4) FINISH MILLING BAGHOUSES(2)  
HEIGHT= 60' DIAM= 28" CFM= 16800 TEMP= 70F  
TSPM= 7 TONS/1981

AUG 5, 1982

<5>CLINKER UNLOADING BAGHOUSES<12>  
HEIGHT= 30' DIAM= 12" CFM= 3000 TEMP= 70F  
TSPM= 2 TONS/1981

<6>CLINKER STORAGE  
HEIGHT= 10' TEMP= 60F  
TSPM= 55 TONS/1981

<7>SHIPLOADING  
HEIGHT= 10' TEMP= 60F  
TSPM= 19 TONS/1981

<8>SHIP UNLOADING  
HEIGHT= 10' TEMP= 60F  
TSPM= 10 TONS/1981

<9>LIMESTONE STORAGE  
HEIGHT= 25'  
TSPM= 10 TONS/1981

OPERATING AIR CONTAMINANT EQUIPMENT:

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<1>ROTARY KILN<2>  
1928

<2>CONE CRUSHER  
110 TON/HR 1955

<3>BALL MILL<3>  
15 TON/HR 1928

<4>DRY FINISH MILL<2>  
54 TON/HR 1968

<5>MILL<2>  
BOWL  
10 TON/HR 1977

OPERATING AIR CONTAMINANT CONTROL EQUIPMENT:

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<1>MULTICLONE<2>  
ROTARY KILNS  
164000 CFM

AUG 5, 1982

- <2>THREE STAGE DRY ELECTROSTATIC PRECIPITATOR  
ROTARY KILNS  
164000 CFM 1961
- <3>BAGHOUSE<20>  
CONE CRUSHER  
10800 CFM
- <4>BAGHOUSE<4>  
BALL MILLS  
3700 CFM
- <5>BAGHOUSE  
DRY FINISH MILLS  
16800 CFM
- <6>BAGHOUSE  
BOWL MILLS  
865 CFM
- <7>WATER SPRAY  
CONE CRUSHER

Puget Sound Air Pollution Control Agency  
Regulation I

Registration Fee Schedule  
Applicable to This Facility

- (1) For all facilities, a fee of \$60.00 per facility; and
- (2) For all facilities, provided identical items shall be classed as single items:
  - (i) \$25.00 for each item of air contaminant generating equipment; and
  - (ii) \$25.00 for each item of air contaminant control apparatus; and
- (3) For only those facilities for which the Agency has recorded total annual emissions of 250 tons or more of carbon monoxide or 25 tons or more of any of the following: particulate matter, sulfur oxides, nitrogen oxides or volatile organic compounds:
  - (i) \$15.00 for each type of fuel burned resulting in an annual emission of more than one ton; and
  - (ii) \$15.00 for each separate manufacturing process; and
  - (iii) \$15.00 for each incineration process; and
  - (iv) \$15.00 for the following materials handling operations: grain; mineral ores; slag dumping; rock and sand; coal exporting; petroleum products at refineries, terminals or bulk plants; and
  - (v) \$15.00 for each material containing volatile organic compounds used for cleaning, dilution, bonding, printing, surface preparation or coating whose annual loss into the atmosphere exceeds one ton; and
  - (vi) \$30.00 for each stack or other emission point, provided that identical emission points shall be classed as single points.